

From: [Sarrington Michael](#)
To: [Cartwright Alan](#)
Cc: [Trueman Dominic](#); [Rail Noise and Vibration Management](#); [Dewar James](#); [Eaves Monty](#); [Davies Terry](#); [Beeson Dylan](#); [De Witte Stefaan](#)
Subject: FW: Northern line noise [REDACTED] Kennington Park Road ST 6929244 (RNR 0364)
Date: 02 December 2016 02:05:16
Attachments: [image001.png](#)
[image005.png](#)
[Kennington Loop Plan.xlsx](#)
[Sleeper diagram Kennington Loop.xlsx](#)
[-Kennington Loop Rail Scopes.pdf](#)
[Kennington Loop Materials.xlsx](#)

Alan,

The planned work for the noise reduction on Kennington Loop has now been completed which includes:

- 1: Re-rail from 512m – 754m on the RHRR – removing 3x fishplates, 2x IBJ's and 1x heavy plate
- 2: 4x thermic welds on the RHRR at 512m , 599m , 668m and 754m.
- 3: Approximately 100m of corrugation removed leading up to the noise complaint area
- 4: Re-rail from 651m – 733m on the LHRR – removing 2x IBJ's and 1x fishplate
- 5: 2x thermic welds on the LHRR at 651m and 733m.
- 6: Replace 4x rotten sleepers
- 7: Grout/ pop and grout 36x sleepers
- 8: Replace all loose fastenings throughout site.
- 9: Top up all low beds – 3 Tonne of shingle used.

Please find attached spreadsheets for the Kennington Loop noise reduction plan with staff levels per shift including work completed per shift, sleeper diagram , rail scopes and materials used for this site.

Cheers,

Mick.

From: Dewar James
Sent: 01 December 2016 22:01
To: Sarrington Michael
Cc: Eaves Monty; De Witte Stefaan
Subject: FW: Northern line noise [REDACTED] Kennington Park Road ST 6929244 (RNR 0364)

Mick,

Good news for once from the noise team. Can you supply the details requested by Alan Cartwright please.

Thanks

Regards

Jim

Jim Dewar

Assistant Zonal Maintenance Manager (Track)

Northern Line

Edgware Depot,

Deans Lane

Edgware

London HA8 9NP



AP-JNP
NL Track

The Northern Line Altogether Stronger

From: Cartwright Alan

Sent: 01 December 2016 11:50

To: Davies Terry; Beeson Dylan

Cc: Trueman Dominic; Hart Mark; Rail Noise and Vibration Management; Dewar James

Subject: RE: Northern line noise [REDACTED] Kennington Park Road ST 6929244 (RNR 0364)

Good news from yesterday's measurements at [REDACTED] Kennington Park Road. The noise levels for northbound trains approaching platform 3 at Kennington are well down on those measured previously.

Summary:

Mean $L_{Amax,fast}$ noise levels.

Date	NB to platform 3	NB to platform 1	From loop to platform 1	SB
2 Dec 2013	49	44	39	38
4 Jun 2014	51	46	39	39
19 Nov 2014	51	44	38	41
4 Oct 2016	47	None measured	38	38
30 Nov 2016	41	42	37	40

Therefore, the recent works on the drainage, eliminating voids and welding out rail joints has achieved an overall noise reduction of 10dB for NB trains traversing 16 points.

██████████ was not in attendance. His wife expressed how pleased they are with the noise reduction achieved.

If I can be provided with the full details of the work undertaken, with dates if possible, I'll produce a report on the series of measurements taken.

Terry,

We had a recent complaint from ██████████ Kennington Park Road (7024871 / RNR0366). No measurements have been taken at this property, as we believed the source of the noise would be the same as at ██████████. It may be worth contacting ██████████ to see if she has noticed a noise reduction.

Hopefully, it will be possible to close out both complaints.

Regards,

Alan

From: Davies Terry
Sent: 23 November 2016 09:55
To: Cartwright Alan
Subject: RE: Northern line noise ██████████ Kennington Park Road ST 6929244 (RNR 0364)

Thanks Alan 😊.

Terry Davies
LU/TfL Rail Investigations, TfL Customer Services
Transport for London | 4th Floor Green Zone – 4G2 – 14 Pier Walk, London SE10 0ES
Telephone ██████████ (Helpline) | Auto: ██████████

From: Cartwright Alan
Sent: 23 November 2016 09:52
To: Davies Terry
Cc: Beeson Dylan; Hart Mark; Trueman Dominic; Rail Noise Complaints
Subject: RE: Northern line noise ██████████ Kennington Park Road ST 6929244 (RNR 0364)

Terry,

I have emailed ██████████ and suggested either Wed 30th Nov or Fri 2nd Dec for the follow up measurements. I'll let you know the date when it is confirmed.

I'd also like to know the detail of the additional work that has brought about the perceived noise reduction. Could it be elimination of the sleeper voids around 16 points that was previously mentioned?

Regards,

Alan

From: Davies Terry
Sent: 23 November 2016 08:41
To: Cartwright Alan
Cc: Beeson Dylan; Hart Mark; Trueman Dominic; Rail Noise Complaints
Subject: RE: Northern line noise [REDACTED] Kennington Park Road ST 6929244 (RNR 0364)

Hi all

Some good news from [REDACTED] Kennington Park Road. Are we able to tell [REDACTED] exactly what work we carried out which resulted in these significant improvements?

Alan – I presume you will be arranging measurements soon? I notice [REDACTED] has copied you in on his email below.

Dear Terry,

Congratulations!

We've noticed a marked reduction in the noise from the Northbound trains that we understand is coming from the 16 Point junction underneath our house. We can still hear the impact noise but it is substantially lower than before. Well done to you and the TfL team.

If you would like to come and measure the reduced noise level then please get in touch.

We are also very keen to understand the work that took place to reduce the noise - so that we are better informed should the problem re-arise. You mentioned previously that around 16th September the team undertook some drainage work. **Can you let us know what additional work has taken place on / around 16 point junction since then?**

Thank you and regards,

[REDACTED]

[REDACTED]

Terry Davies
LU/TfL Rail Investigations, TfL Customer Services
Transport for London | 4th Floor Green Zone – 4G2 – 14 Pier Walk, London SE10 0ES
Telephone [REDACTED] (Helpline) | Auto: [REDACTED]

From: Cartwright Alan
Sent: 20 October 2016 14:20
To: Davies Terry
Cc: Beeson Dylan; Hart Mark; Trueman Dominic; Rail Noise Complaints
Subject: RE: Northern line noise [REDACTED] Kennington Park Road ST 6929244

Terry,

I have a history of measurements at [REDACTED] Kennington Park Road. I don't think it necessary to take

additional measurements at [REDACTED].

The message from James Dewar (23 Sept) referred to sleeper voiding on the approach to the points, in addition to welding out 7 joints. The subsequent message from Michael Sarrington (5 Oct) only that the re-rail and thermit welding had been carried out. I am waiting to take further measurements at 126 until I see confirmation that the sleeper voiding problem has also been addressed. My recent measurements on 4th October may have been after the re-rail and welding.

Has the request from [REDACTED] Kennington Park Road been added to your database? If so, what is the reference number?

Alan

From: Davies Terry
Sent: 19 October 2016 17:37
To: Cartwright Alan
Cc: Beeson Dylan; Hart Mark; Trueman Dominic; Rail Noise Complaints
Subject: RE: Northern line noise [REDACTED] Kennington Park Road ST 6929244

Hi Alan

Will you be revisiting [REDACTED] for new readings in view of the below email confirming work has been completed?

Would it also be worth checking noise levels for [REDACTED] at no. [REDACTED] Kennington Park Road, who have reported similar issues to [REDACTED] (they also talk to each other)?

[REDACTED] has recently emailed (13 October) to request updates.

[More Fields](#)

█		
█	█	
204385757		
Kennington Park Road		
London		
█		
GB	United Kingdom	
		Copy Incoming No.
█		

Terry Davies
LU/TfL Rail Investigations, TfL Customer Services
Transport for London | 4th Floor Green Zone – 4G2 – 14 Pier Walk, London SE10 0ES
Telephone █ (Helpline) | Auto: █

-----Original Message-----

From: Sarrington Michael
Sent: 05 October 2016 05:53
To: Dewar James; Trueman Dominic; Davies Terry; Cartwright Alan; Beeson Dylan
Cc: Baldwin Christine; Lasserre Elizabeth; Nelson Phil; Wilson Derek; Eaves Monty
Subject: RE: Northern line noise █ Kennington Park Road ST 6929244

Jim,

Just to up update everyone the re-rails and thermic welding has now been completed as planned in front of 16 points at Kennington.

Cheers,

Mick.

-----Original Message-----

From: Dewar James
Sent: 23 September 2016 01:41
To: Trueman Dominic; Davies Terry; Cartwright Alan; Beeson Dylan

Cc: Baldwin Christine; Lasserre Elizabeth; Nelson Phil; Wilson Derek; Eaves Monty; Sarrington Michael

Subject: RE: Northern line noise [REDACTED] Kennington Park Road ST 6929244

Dominic,

My PDS responsible for the Kennington area went down last night to do a joint assessment with the AP-JNP point care team covering all the points in the Kennington area. I asked that they pay particular attention to the condition of 16 points and to advise what can be done to reduce the noise from these points as they are not in the renewal program until 2022/23.

Now that the water ingress problem in the area has been dealt with and the area has now dried out we are better able to assess the problem that this water has caused. In short we have voiding on the sleeper on the approach to the points. This work will now be programmed in for completion but it will be a very slow process as time constraints mean that only a couple of sleepers can be changed in a shift. However, on the run into the points there is a redundant 10x10 rail and a couple of short rails. I have asked for these to be replaced with welded rail which will remove 7 joints from the track at the points. This is likely to make a significant contribution to reducing the volume of noise from trains transiting the points. This work is also being programmed into our normal two week lock down plan. I will let you know when this work will be done once the plan is updated.

Note, normal caveat applies i.e. any plan dates will be subject to change if higher priority faults come in.

Regards

Jim

Jim Dewar

Assistant Zonal Maintenance Manager (Track) Northern Line Edgware Depot, Deans Lane
Edgware London HA8 9NP [REDACTED]
[REDACTED]

The Northern Line Altogether Stronger

-----Original Message-----

From: Trueman Dominic

Sent: 06 September 2016 14:56

To: Davies Terry; Cartwright Alan; Beeson Dylan

Cc: Baldwin Christine; Lasserre Elizabeth; Nelson Phil; Wilson Derek (Oyster); Dewar James

Subject: RE: Northern line noise [REDACTED] Kennington Park Road ST 6929244

Terry,

The track will be inspected to assess whether any short-term improvements can be made. Drainage work is taking place on 16th September - further track work may take place after that. Dylan can advise on meeting the resident. At the moment it is done through their Assembly Member.

Hope that helps,

Dominic

-----Original Message-----

From: Davies Terry

Sent: 06 September 2016 13:35

To: Trueman Dominic; Cartwright Alan; Beeson Dylan

Cc: Baldwin Christine; Lasserre Elizabeth; Nelson Phil; Wilson Derek (Oyster)

Subject: RE: Northern line noise [REDACTED] Kennington Park Road ST 6929244

Hi all

Sorry for my earlier mistake with this one - I couldn't find it on the Rail Noise database, and wrongly concluded it was a Kennington loop issue.

Am I reading the below emails correctly that work on 16 points won't happen until 2022/23?

Is there anything I can tell the customer that might happen sooner?

Also, is there a process in place for organising a meeting as the customer requests? Is there any point in more noise readings to be taken, as it's almost two years since the last ones?

Thanks.

Terry Davies

LU/TfL Rail Investigations, TfL Customer Services Transport for London | 3rd Floor Red Zone – 3R5 – 14 Pier Walk, London SE10 0ES Telephone [REDACTED] (Helpline) | Auto: [REDACTED]

-----Original Message-----

From: Trueman Dominic

Sent: 31 August 2016 12:45

To: Cartwright Alan; Beeson Dylan

Cc: Baldwin Christine; Lasserre Elizabeth; Davies Terry

Subject: RE: Northern line noise [REDACTED] Kennington Park Road

Alan,

I would ensure that Customer Services do the communication with the resident. We should inform him that the next inspection on 16pts will look to identify any noise causes and look to rectify them.

Hope that helps,

Dominic

-----Original Message-----

From: Cartwright Alan
Sent: 31 August 2016 09:40
To: Beeson Dylan; Trueman Dominic
Cc: Baldwin Christine; Lasserre Elizabeth; Davies Terry
Subject: FW: Northern line noise [REDACTED] Kennington Park Road

Dylan / Dominic,

[REDACTED] is requesting a meeting with "the relevant individuals / team members" to discuss the ongoing disturbance of Northern line trains traversing 16 points at the south of Kennington station. The report on the most recent measurements at [REDACTED] Kennington Park Road in December 2014 is attached.

He refers to work in 2012 (work order 16265086), which is claimed to have resolved the noise at that time. I've no idea how he got the work order information. He also includes a link in his message to an audio recording of a passing train. The impulsive noise is just what I observed when at the property.

The latest news I had from Liz was that work on 16 points is in the workbank for 2022/23.

This is a separate issue to the Kennington loop.

How should we respond to his meeting request?

Regards,

Alan

Alan Cartwright | Noise & Vibration Engineer, Technical Services London Underground |
Hearne House, 3 Museum Way, London W3 9BQ
Tel: [REDACTED] Email: [REDACTED]

-----Original Message-----

From: [REDACTED]
Sent: 31 August 2016 07:01
To: Cartwright Alan
Subject: Fwd: Northern line noise Kennington area

Hi Alan,

FYI, we're still trying to get our problem of noise / vibration with 16 point junction on the northbound main line resolved. I sent the email below to Terry Davies earlier today. I know it's not your responsibility but any guidance you can give on how we get this looked at I would be very grateful to receive.

Regards,

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

> Begin forwarded message:

>

> From: [REDACTED]

> Subject: Re: Northern line noise Kennington area

> Date: 31 August 2016 at 06:58:11 BST

> To: CONTACTUS@TFL.GOV.UK

>

> Dear Terry,

>

> Thank you for your email.

>

> I would like to request a meeting with the relevant individuals / team members to discuss this.

In particular, two points:

>

> 1. You have done a good job of diagnosing the problem: it's impact

> noise caused by a discontinuity at 16 point junction on the main

> northbound line. You can hear a recording of the noise here:

> <https://player.vimeo.com/video/97607087>

>

> 2. You have successfully fixed this in the past. Most recently in January 2012 (work order 16265086) and prior to 2008 there was no impact noise of this type.

>

> Your comments about corrugation problems, speed reduction and trains stopping and moving on from the signal I believe apply to the Kennington loop and not 16 point junction?

>

> Please let me know when the relevant people are available to meet.

>

> Regards,

>

> [REDACTED]

>

> [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

>

>> On 26 Aug 2016, at 15:34, CONTACTUS@TFL.GOV.UK wrote:

>>

>>

>> Ref: 6929244

>>

>> 26 August 2016

>>

>> Dear [REDACTED]

>>

>> Thanks for your email of 7 August about noise from our Northern line trains in the Kennington area.

>>

>> I am sorry that you are being disturbed by the Tube. We're committed to being a good neighbour, investigating the causes of rail noise and implementing solutions where possible.

>>

>>

>> As part of our preparation for the launch of the Night Tube, we have established a specialist working group to deal with all the issues that can lead to noise. This group brings together track engineers, noise and vibration specialists, track maintenance experts and our community relations teams. Our experts have determined, after much consideration, that there isn't currently a feasible solution for managing noise at this site. We can only attempt to grind the site as part of the next programme. Rail grinding is a process by which we restore the profile of the railhead. The main cause of rail noise is corrugation or roughness along the railhead, which is removed or reduced by a successful grinding regime.

>>

>>

>> We have previously completed work, including implementing a reduction in train speed (from 15mph to 10mph) to try and reduce the level of noise but without having a notable impact to service. The noise level measured in February 2014 and most recently in October 2015 remains the same. At this location, all trains stop at a signal prior to moving on to the platform at Kennington. Our engineers determined that trains moving on from the signal are the likely cause of the disturbance and is unavoidable in maintaining a safe operational railway. There isn't a feasible solution that we can implement at this site but we will continue to monitor this site, investigate options and new technologies which will help us further improve the Tube and reduce noise. These processes take time and I appreciate your ongoing patience.

>>

>>

>> It's not anticipated that we will need to use the loop as part of the Night Tube service as that will run between Morden and High Barnet Edgware end to end. Similarly this is the case for when the Northern Line Extension opens as we plan to operate the service on a 50/50 split between Battersea and Morden.

>>

>> Thanks again for contacting us. If there's anything else we can help you with, please reply to this email. Alternatively, you can speak to one of our Customer Service Advisers on 0343 222 1234, who'll be happy to help.

>>

>>

>> Kind regards

>>

>>

>> Terry Davies
>> Customer Service Adviser
>> Transport for London Customer Services
>>
>>
>> If you wish to reply directly to this email, please click on the reply button on your toolbar.
Please do not alter or delete the subject line as this will result in your email not being delivered.
>>
>> We aim to reply to all emails within ten working days.
>>
>>
>> If you wish to contact us with a new or unrelated query or look at
>> our Frequently Asked Questions, please click here
>>
>> If you would like to follow TfL on Twitter, or to join our Facebook page, please click here
>>
>>
>>
>>
>> DO NOT DELETE.....
>> {ticketno:[6929244]}
>> DO NOT DELETE.....
>>
>>
>>
>> *****
>> *****
>>
>> The contents of this e-mail and any attached files are confidential. If you have received this
email in error, please notify us immediately at postmaster@tfl.gov.uk and remove it from your
system. If received in error, please do not use, disseminate, forward, print or copy this email or
its content. Transport for London excludes any warranty and any liability as to the quality or
accuracy of the contents of this email and any attached files.
>>
>>
>>
>> Transport for London is a statutory corporation whose principal
>> office is at Windsor House, 42-50 Victoria Street, London, SW1H 0TL.
>> Further information about Transport for London's subsidiary companies
>> can be found on the following link:
>> <http://www.tfl.gov.uk/corporate/about-tfl/>
>>
>>
>>
>> Although TfL have scanned this email (including attachments) for viruses, recipients are
advised to carry out their own virus check before opening any attachments, as TfL accepts no
liability for any loss, or damage which may be caused by viruses.
>>

>> *****
>> *****
>>
>>
>